July 5, 1927. 1,634,715

H. G. HUEBNER

EASEL

Filed Oct. 4, 1924

Fig. 1.

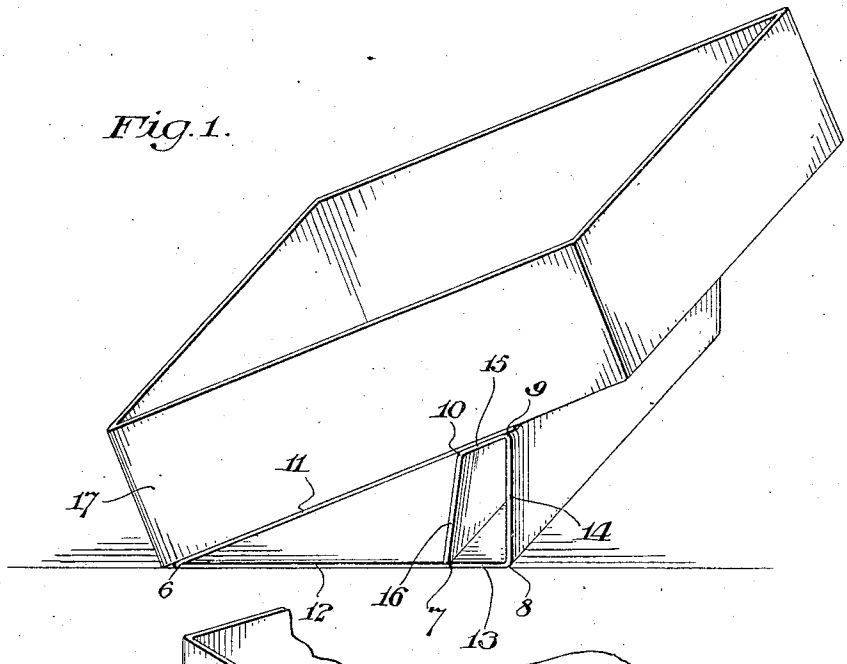


Fig. 2.

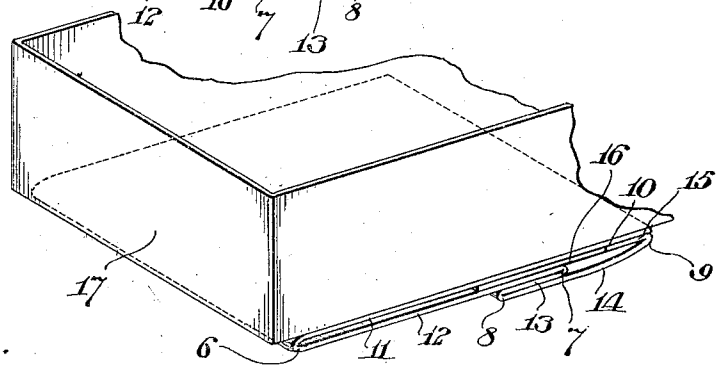
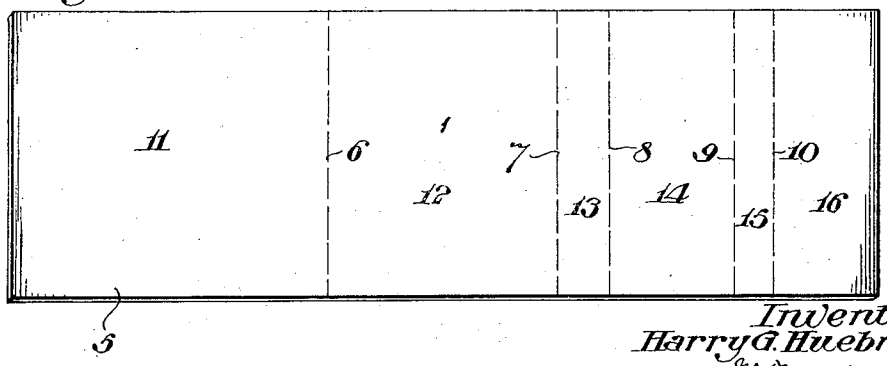


Fig. 3.



Inventor:
Harry G. Huebner;
Wm. Goodale
By
Attorney.

Patented July 5, 1927. 1,634,715

UNITED STATES PATENT OFFICE.

HARRY G. HUEBNER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO ALBERT EICHHORN & SON, A COPARTNERSHIP CONSISTING OF THE FOLLOWING MEMBERS: JESSE EICHHORN, IDA BETHEL, LILLIE GRIFFITH, CHARLES GRIFFITH, AND HARRY G. HUEBNER, OF PHILADELPHIA, PENNSYLVANIA.

EASEL.

Application filed October 4, 1924. Serial No. 741,682.

My invention relates to improvements in easels. The object is to provide an improved collapsible means for supporting a box or frame or other device in an inclined position.

The invention comprises means secured to the underside of a box or other device, which is adapted to have certain extensions folding upon other adjacent extensions to form a structure adapted to lie flat against the surface to which it is attached, for convenient packing and transportation, and having a part adapted to be moved into position to cause a separation overlapping extensions and to form a prop or strut to maintain said separated positions when the structure is effective as an easel.

The device preferably comprises a single continuous strip of material having transverse lines of creases or bends for the necessary folding, and having one end extension secured to an intermediate part of said strip and also to the surface of the box or other object, and the other end free to act as a strut or prop.

The device may be made of card board or similar material of sufficient body and rigidity to form a substantial structure that will not accidentally collapse.

The structure is also capable of forming an easel of varying height, by properly locating the distances between the creases or lines of bend.

Referring to the drawings, which represent, merely by way of example, a suitable embodiment of my invention:—

Fig. 1 is a perspective view of the device in the open or operative position.

Fig. 2 is a similar view in the folded or closed position, for packing or transportation.

Fig. 3 is a perspective view of the blank from which the easel is formed.

Similar numerals refer to similar parts throughout the several views.

The structure preferably consists of a strip 5 of comparatively heavy or substantial card board, having a number of scores or creases 6, 7, 8, 9 and 10, arranged between the several flat extensions. The extension 11 is adapted to be secured in any suitable way to the underside of the box 17 or other object to be supported. The strip is then bent or folded on the crease 6. The extension 12 lies horizontally, while extension 14 is substantially at right angles to 12, the angle being at 8. The part 15 is bent at 9 and lies parallel with and is secured to the underside and near the end of 11, thus producing a substantially triangular formation. The part 16, bent from part 15 at the crease 10, and therefore in hinged relationship with parts 11 and 15, extends in a nearly vertical direction and its free end engages the inner side of the part 12, and thus forms a strut or brace having its hinge extending transversely the longitudinal extension of part 11 and engaging with its free end the part 12, 13, for maintaining the several parts in the relative positions shown in Fig. 1, forming the triangular structure.

When it is desired to fold and pack the device, the part or strut 16 is moved into position parallel with and against the part 11. The parts 12 and 14 are moved into position substantially parallel with part 11; this being permitted by the bending at creases 7 and 8 to permit part 13 lying parallel with and folded upon the adjacent parts of 12 and 14 as shown in Fig. 2.

It will be noted that the strut 16 when engaging with its free end the wall portion 12, that said strut extends in a plane which is substantially at right angles with the plane of wall 12, so that there is no tendency for the strut 16 to be accidentally displaced, or to slip out of its active position.

What I claim is:—

An easel, comprising a plurality of extensions each in hinged relationship with an adjacent extension, said extensions adapted to assume a triangular configuration, and also to lie flat with one extension folded upon another, and a transversely extending strut in hinged relationship with one extension and entirely enclosed within the triangle, having a free end adapted to engage a non-adjacent extension to maintain the triangular configuration when in operative supporting position.

HARRY G. HUEBNER.